

CLAIMS

The embodiments in which an exclusive property or privilege is claimed are defined as follows:

1. A basement wall water protection system comprising:

at least one water impermeable flexible member having a short leg section that is abuttable against an upper portion of basement wall and a long leg section extending substantially away from said basement wall a distance at least as great as the tangent of 15° times the height of the basement wall below the impermeable flexible member.

2. A basement wall water protection system as defined in claim 1 further comprising:

said impermeable flexible member having a first side edge and a second complementary side edge such that a first side edge of one impermeable member can snap fit into a second side edge of a second impermeable member to form a watertight junction.

3. A basement wall water protection system as defined in claim 1 further comprising:

said impermeable water flexible member being made from a polyethylene plastic material.

4. A basement wall water protection system comprising:

 a plurality of semi-flexible water permeable overlapping plate members;

 each plate member having a short leg section that is abuttable against an upper portion of a basement wall and a long leg section extending substantially away from said basement wall a distance sufficient to keep water away as water seeps downward through the ground toward the basement wall at an angle;

 each of said impermeable flexible members having a first side edge and a second complementary side edge such that a first side edge of one impermeable member can join with said second side edge of a second impermeable member to form a watertight joint;

 at least one water impermeable flexible member having a short leg section that is abuttable against an upper portion of basement wall and a long leg section extending substantially away from said basement wall a distance at least as great as the tangent of 15° times the height of the basement wall below the impermeable flexible member.

5. A basement wall water protection system as defined in claim 4 further comprising:

 said short leg being placed below ground level and free to move against said basement wall and held against said wall solely by ground pressure.

6. A basement wall water protection system as defined in claim 5 further comprising:

each of said flexible water impermeable members being made from polyethylene.

7. A basement wall water protection system as defined in claim 6 further comprising:

each of said water impermeable members being positionable about 16 inches below ground level with the short leg member abuttable against said basement wall.

8. A basement wall water protection system as defined in claim 5 further comprising:

corner members positioned at a corner of two basement walls and overlapping respective water impermeable members abutting said respective basement walls.

9. A basement wall water protection system as defined in claim 5 further comprising:

said long leg extending away from said basement wall at approximately a 5° downward slope away from said basement wall and extending at least approximately the height of the basement wall below the leg times the tangent of 15°.

10. A method of protecting a basement wall from water comprising:
digging ground to form a trench on the exterior side of the basement wall with
said trench being wide enough to receive a water impermeable semi-flexible member;
placing overlapping water impermeable semi-flexible members in the trench with
a short leg of each respective member abutting against the basement wall and having a
long leg extending substantially away from the basement wall;
backfilling the trench with soil above the water impermeable members.

11. A method of protecting a basement wall from water as defined in claim 10
further comprising:

shaping the bottom of the trench to decline at a 5° slope away from the
basement wall and extending horizontally in a direction parallel to the basement wall.

12. A method of protecting a basement wall from water as defined in claim 11
further comprising:

interlocking adjacent members to each other at the edges of each member.

13. A method of protecting an existing basement wall from water as defined in
claim 12 further comprising:

planting plants in the backfilled soil above the water impermeable members to
use water retained above the water impermeable members.